

FORM 1449 (MODIFIED)

Docket NO.:

58

USSN:

APPLICANT: JOHN Y. CHEN

FILING DATE: 7/2/03

GROUP:

Sheet

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Of

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## US PATENT DOCUMENTS

EX	✓	PATENT NO.	ISSUE DATE	PATENTEE	CLASS/SUBCLASS	FILING DATE
CA		3660849	5/9/72	JONNES	2 2.1	7/13/70
CB		3821149	6/28/74	MAKOWSKI	260 30.6	9/28/73
CD		3827999	8/6/74	CROSSLAND	260 33.6	8/6/74
CE		3860013	1/14/75	CZAPOR	132 91	7/17/72
CF		4136699	6/30/79	COLLINS	128 290	1/21/77
CG		4151057	4/24/79	ST. CLAIR		8/14/78
CH		4176240	11/27/79	SABIA	174 23	5/30/78
CI		4259540	3/31/81	SABIA		4/20/79
CJ		4351913	9/28/82	PATEL		1/4/82
CK		4361508	11/30/82	BOURLAND	523 173	10/20/80
CL		4369284	1/18/83	CHEN		3/28/80
CM		4432607	2/21/84	LEVY	350 96.34	10/27/81
CN		4492428	1/8/85	LEVY		8/16/82
CO		4497538	2/5/85	PATEL		8/10/83
CP		4509821	4/9/85	STENGER	350 96.23	9/1/83
CQ		4600261	7/15/86	DEBBAUT		10/12/82
CR		4610738	9/9/86	JERVIS	156 49	1/4/85
CS		4618213	10/21/86	CHEN		1/18/84
TC		4643924	2/17/87	UKEN	428 35	5/2/85
CU		4662692	5/5/87	UKEN	339 96	5/2/85
CV		4678664	7/7/87	SCHMOLKA	424 65	9/30/82
CW		4680233	7/14/87	CAMIN	428 424.6	5/2/85
CX		4690831	9/1/87	UKEN	427 44	6/18/86
CY		4692369	9/8/87	NOMI	428 198	12/9/85
CZ		4709982	12/1/87	CORNE	427 44	11/13/85
DA		4716183	12/29/87	GAMARRA	522 90	11/22/85
DB		4721832	1/26/88	TOY	174 87	5/2/86
DC		4764535	8/16/88	LEICHT		8/6/84
DD		4798853	1/17/89	HANDLIN	523 173	1/20/87
DE		4801346	1/31/89	HUDDLESTON		7/30/86
DF		4822834	4/18/89	BLEVINS	524 427	4/19/88
DG		4833193	5/23/89	SIEVERDING		8/14/87
DH		4842931	6/27/89	ZOOK	428 354	7/19/88
DI		4864725	9/12/89	DEBBAUT	29 871	4/18/88
DJ		4865905	9/12/89	UKEN	428 220	12/9/88
DK		4880676	11/14/89	PULGCERVER	428 35.7	11/14/89
DL		4880878	11/14/89	HIMES	525 89	12/29/87
DM		4883431	11/28/89	UKEN		9/26/86
DN		4888070	12/19/89	CLARK		12/1/87
DO		4889171	12/26/89	COVINGTON	428 304	4/21/88
DP		4889403	12/26/89	ZUCKER		12/23/87
DR		4900877	2/13/90	DUBROW	174 35	7/12/88
D		4909756	3/20/90	JERVIS		8/31/88
DT		4929211	5/29/90	RESNICK	446 14	12/2/88
DU		4942270	7/17/90	GAMARRA	174 93	7/12/88
DV		4944363	7/31/90	OSHER	273 58	2/6/90
DW		4944973	7/31/90	FOLLETTE		9/13/89

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DS	4909756	3/20/90	JERVIS		8/31/88
DT	4929211	5/29/90	RESNICK	446 14	12/2/88
DU	4942270	7/17/90	GAMARRA	174 93	7/12/88
DV	4944363	7/31/90	OSHER	273 58	2/6/90
DW	4944973	7/31/90	FOLLETTE		9/13/89
DX	4968747	11/6/90	MALLIKARJUN	525 74	3/30/90
DY	4983008	1/8/91	CAMPBELL	350 96.16	11/1/88
DZ	5026054	6/25/91	OSHER	273 58	7/18/90
EA	5059748	10/22/91	ALLEN	174 87	4/26/90
EB	5068138	11/26/91	MITCHELL	428 36.8	7/23/90
EC	5085597	2/4/92	STORY	439 521	3/28/91
ED	5088734	2/18/92	GLAVA	273 73	1/9/91
EE	5098421	3/24/92	ZOOK	604 367	10/16/89
EF	5126182	6/30/92	DOUGLAS	428 90	1/22/90
EG	5149736	9/22/92	GAMARRA	524 490	5/7/90
EH	5153254	10/6/92	CHEN	524 505	6/24/88
EI	5159022	10/27/92	IKEMATU	525 250	5/21/91
EJ	5167649	12/1/92	ZOOK	604 307	4/17/92
EK	5173573	12/22/92	JERVIS	174 138	3/15/91
EL	5177143	2/27/90	TOY	524 848	2/27/90
EM	5181914	1/26/93	ZOOK	604 307	5/6/92
EN	5191752	3/9/93	MURPHY	54 44.5	5/4/92
EO	5221534	6/22/93	DESLAURIERS	424 78.03	2/4/91
EP	5239723	8/31/93	CHEN	15 104	8/24/92
EQ	5262468	11/16/93	CHEN	524 476	5/23/91
ER	5324222	6/28/94	CHEN	446 34	4/29/92
ES	5330452	7/19/94	ZOOK	604 307	6/1/93
ET	5313019	5/17/94	BRUSSELMANS	174 93	12/2/92
EU	5334646	8/2/94	CHEN	524 474	10/6/92
EV	5336708	8/9/94	CHEN	524 474	8/24/92
EW	5459193	10/17/95	ANDERSON	524 505	2/23/95
EX	5475890	12/19/95	CHEN	15 104	8/30/93
EY	5479952	1/2/96	ZACHARIADES	132 321	2/23/95
EZ	5559165	8/8/95	PAUL	523 111	8/8/95
FA	5606149	2/25/97	YAWORSKI	174 92	10/13/94
FB	5618882	4/8/97	HAMMOND	525 92	11/14/94
FC	5624294	4/29/97	CHEN	446 253	11/15/93
FD	5626657	5/6/97	PEARCE	106 122	8/22/96
FE	5633286	5/27/97	CHEN	524 474	8/11/94
FF	5655947	8/12/97	CHEN	446 46	5/23/91
FG	5618882	4.8.97	HAMMOND	525/92D	PCT 5.10.93
FH	5603122	2/18/97	Kania	2/239	3/20/95

EXAMINER

IDATE CONSIDERED

EXAMINER: INITIAL CITATION CONSIDERED. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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G		3860013	1.14.75	CZAPOR	132/91	7.17.72
H		4880878	11.14.89	HIMES	525/89	12.29.87
I		5479952	1.2.96	ZACHARIADES	132/321	2.23.95
J		5618882	4.8.97	HAMMOND	525/92D	PCT 5.10.93

PUBLICATION

FM "STYRENE-DIENE TRIBLOCK COPOLYMERS: ORIENTATION CONDITIONS AND MECHANICAL PROPERTIES OF THE ORIENTED MATERIALS" A. WEILL AND R. PIXA, JOURNAL OF POLYMER SCIENCE POLYMER SYMPOSIUM 58, 381-394 (1977).

FN TUFTEC TRADE LITERATURE, ASANI CHEMICAL CO., LTD., SYNTHETIC RUBBER DIVISION, ENGLISH AND JAPANESE 14 PAGES.

FO SEPTON TRADE LITERATURE, KURARAY CO., LTD. 1995.8 (4,000) 15 PAGES.

FP SHELL CHEMICAL CO., DATA SHEETS: EKP-207 (093094-02) AND L-1203 (SC:2384-950

FQ SC:1102-89 SHELL CHEMICAL TECHNICAL BULLETIN "KRATON® THERMOPLASTIC RUBBER IN OIL GELS", APRIL 1989

FR "TUFTEC" -- its characteristics and applications, Assahi Chemical.

FS SEPTON, High Performance Thermoplastic Rubber, Kuraray Co., LTD., 1995.

FT KRATON POLYMERS, May 1997, Shell Chemical Company.

FU Silipos product catalogue.

FV Silipos products catalogue sheets: Silosheath, Pressure Ulcers, Friction Sleeves with Gel, Gel-E-Rol & Friction Tape, Mesh Tubing, Silopad.

FW Silipos manual, 1994.

QD *Melt Miscibility In Blends Of Polypropylene, Polystyrene-Block-Poly(Ethylene-Sat-Butylene)-Block-Polystyrene, and Processing Oil From Melting Point Depression, Ohlsson et al., Polymer Engineering and Science, 1996, Vol. 36, No. 11.*

FX *Blends And Thermoplastic Interpenetrating Polymer Networks Of Polypropylene And Polystyrene-Block-Poly(Ethylene-Stat-Butylene)-Block-Polytstyrene Triblock Copolymer. 1: Morphology And Structure-Related Properties, Ohlsson, et al., Polymer Engineering and Science, 2/1996, Vol. 36, No.4.*

FY *Migration And Blooming Of Waxes To The Surface Of Rubber Vulcanizates, Nah, et al., J. Of Polymer Science: Polymer Physics Ed., Vol. 18, 511-521 (1980).*

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EX	✓	PATENT NO.	ISSUE DATE	PATENTEE	CLASS/SUBCLASS	FILING DATE
M		5994450	11/30/99	Pearce	524/505	1/10/97
N		3821148	6/28/74	Makowski	CO8F	9/28/73
O		5952396	9/14/99	Chang	522/001	6/16/97
P		3821149	6/28/74	Makowski	260/30.6R	9/28/73
Q		5863977	1/26/99	Fisher	C08L 9/06	2/12/97
R		5929138	7/27/99	Mercer	C08K	11/5/96
S		5994446	11/30/99	Graykys	C08K 5/01	5/25/98
T		5872201	2/16/99	Cheung	C08F 212/08	2/6/97

## PUBLICATION

- U "SiloLiner" Sales literature from Knit-Rite medical (March 1, 1999 three pages).
- V ALPS South Corporation -Gel Liners: NEW! Easy Liner ELPX, ELDT and ELFR published fact sheet downloaded from the Internet on 8/10/99.
- W Chung P. Park and George P. Clingerman, "Compatibilization of Polyethylene-Polystyrene Blends with Ethylene-Styrene Random Copolymers", the Dow Chemical Company, May 1996.
- X Steve Hoenig, Bob Turley and Bill Van Volkenburgh, "Material Properties and Applications of Ethylene-Styrene Interpolymers", the Dow Chemical Company, September 1996.
- Y Y. Wilson Cheung and Martin J. Guest, "Structure, Thermal Transitions and Mechanical Properties of Ethylene/Styrene Copolymers", the Dow Chemical Company, May 1996. (17)
- Z Teresa Plumley Karjaia, Y. Wilson Cheung and Martin J. Guest, "Melt Rheology and Processability of Ethylene/Styrene Interpolymers", the Dow Chemical Company, May 1997.
- ZA D. C. Prevorsek, et al., "Origins of Damage Tolerance in Ultrastrong Polyethylene Fibers and Composites", Journal of Polymer Science: Polymer Symposia No. 75, 81-104 (1993).
- ZB Chen, H., et al, "Classification of Ethylene-Styrene Interpolymers Based on Comonomer Content", J. Appl. Polym. Sci., 1998, 70, 109.
- ZC Alizadeh, et al., "Effect of Topological Constraints on The Crystallization Behavior of Ethylene/alpha-Olefin Copolymers", PMSE, Vol, 81, pp. 248-249, August 22-26, 1999.
- ZD Guest, et al., "Structure/Property Relationships of Semi-Crystalline Ethylene-Styrene Interpolymers (ESI)", PMSE, Vol, 81, pp. 371-372, August 22-26, 1999.

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- GH Chen, H., et al, "Classification of Ethylene-Styrene Interpolymers Based on Comonomer Content", J. Appl. Polym. Sci., 1998, 70, 109.
- GI Alizadeh, et al., "Effect of Topological Constraints on The Crystallization Behavior of Ethylene/alpha-Olefin Copolymers", PMSE, Vol, 81, pp. 248-249, August 22-26, 1999.
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